

March 6, 2019

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**DIV OF OIL, GAS & MINING**

Utah Coal Program  
Utah Division of Oil, Gas, and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Dear Program Supervisor:

Enclosed are Quarterly inspection reports for Canyon Fuel Company's SUFCO Mine: Minesite Primary Sedimentation Pond, Minesite Sedimentation Overflow Pond, Waste Rock Disposal Site and the associated Waste Rock North and South Sedimentation Pond.

These certifications are being submitted prior to SUFCO's Annual Report as required by R645-514.

Sincerely,  
CANYON FUEL COMPANY, LLC  
SUFCO Mine



Jacob D. Smith, P.E.  
Technical Services Manager

JDS:jn

cc: DOGM Sediment Pond Inspection File  
Amanda Richard

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## CANYON FUEL COMPANY - SUFCO MINE

## Coal Refuse Pile Quarterly Inspection Report

Inspector Amanda RichardTitle Env. EngineerDate 02/12/19Permit # ACT/041/002

1. Foundation Preparation (vegetation, topsoil removal?)

     Yes   X   No2. Lift Thickness (inches) 12 (+ or - 1 Ft compacted)

3. Compaction

  X   Yes      No

4. Burning (specify extent and location)

     Yes   X   NoNone Observed5. Angle of Slope 2:1

6. Seepage (specify location, color, &amp; appr. volume)

     Yes   X   NoNone Observed

7. Cracks or Scarps (location and size)

     Yes   X   NoNone Observed

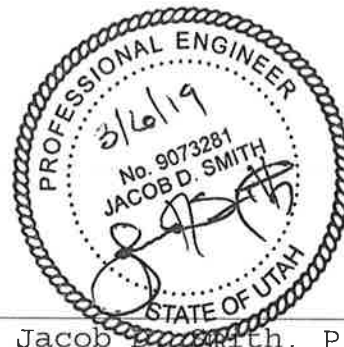
8. Major Erosion Problems (location and extent)

     Yes   X   NoNone Observed

9. Water Impounding Against Toe

     Yes   X   NoNone Observed

10. Any appearance of instability, structural weakness or other hazardous conditions

     Yes   X   NoNone Observed

Jacob D. Smith, P.E.  
Registration No. 9073281  
State of Utah

## CANYON FUEL COMPANY - SUFCO MINE

## Rock Waste North Sediment Pond Quarterly Inspection Report

Inspector Amanda Richard Date 02/12/19

## 1. Dam Structural Weakness

A. Cracks or scarps on crest      Yes X NoNothing ObservedB. Cracks or scarps on slope      Yes X NoNothing ObservedC. Sloughing or bulging on slope      Yes X NoNothing Observed2. Major Erosion Problems      Yes X NoNothing Observed3. Surface Movements of Surrounding Slopes      Yes X NoNothing Observed4. Visible Sumps or Sinkholes in Slurry Surface      Yes X NoNothing Observed

## 5. Clogging

A. Spillway channels and pipes      Yes X NoChannels and pipes clearB. Decant System      Yes X NoValve is locked

C. Diversion ditches ☐ Yes ☒ No

Clear of Debris

6. Seepage (Specify Location, Color and Approx. Volume)

☐ Yes ☒ No

Nothing Observed

7. Any appearance of instability, structural weakness, or

other hazardous conditions

☐ Yes ☒ No

Nothing Observed

8. Other Comments

There is snow in the pond and around the surrounding area.

## CANYON FUEL COMPANY - SUFCO MINE

## Rock Waste South Sediment Pond Quarterly Inspection Report

Inspector Amanda Richard Date 02/12/19

## 1. Dam Structural Weakness

A. Cracks or scarps on crest        Yes X NoNothing ObservedB. Cracks or scarps on slope        Yes X NoNothing ObservedC. Sloughing or bulging on slope        Yes X NoNothing Observed2. Major Erosion Problems        Yes X NoNothing Observed3. Surface Movements of Surrounding Slopes        Yes X NoNothing Observed4. Visible Sumps or Sinkholes in Slurry Surface        Yes X NoNothing Observed

## 5. Clogging

A. Spillway channels and pipes        Yes X NoChannels and pipes clearB. Decant System        Yes X NoValve is locked

C. Diversion ditches ☐ Yes ☒ No

Clear of Debris

6. Seepage (Specify Location, Color and Approx. Volume)

☐ Yes ☒ No

Nothing Observed

7. Any appearance of instability, structural weakness, or

other hazardous conditions ☐ Yes ☒ No

Nothing Observed

8. Other Comments

There is snow in the pond. Nothing is leaving the site and the pond is functioning properly.

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CANYON FUEL COMPANY - SUFCO MINE

Minesite Primary Sediment Pond Quarterly Inspection Report

Inspector Amanda Richard Date 03/2/19

1. Dam Structural Weakness

A. Cracks or scarps on crest        Yes X No

Nothing Observed

B. Cracks or scarps on slope        Yes X No

Nothing Observed

C. Sloughing or bulging on slope        Yes X No

Nothing Observed

2. Major Erosion Problems        Yes X No

Nothing Observed

3. Surface Movements of Surrounding Slopes        Yes X No

Nothing Observed

4. Visible Sumps or Sinkholes in Slurry Surface        Yes X No

Nothing Observed

5. Clogging

A. Spillway channels and pipes        Yes X No

No debris blocking spillway channels and pipes

B. Decant System        Yes X No

Valve is locked

C. Diversion ditches ☐ Yes ☒ No

Clear of Debris

6. Seepage (Specify Location, Color and Approx. Volume)

☐ Yes ☒ No

Nothing Observed

7. Any appearance of instability, structural weakness, or

other hazardous conditions ☐ Yes ☒ No

Nothing Observed

8. Weir level ☒ Yes ☐ No

9. Other Comments

Everything seems to be operating normal. There is snow covering the ground around the pond. The pond has no ice on the surface.



## CANYON FUEL COMPANY - SUFCO MINE

## Minesite Sediment Overflow Pond Quarterly Inspection Report

Inspector Amanda Richard Date 03/2/19

## 1. Dam Structural Weakness

A. Cracks or scarps on crest        Yes X NoNothing ObservedB. Cracks or scarps on slope        Yes X NoNothing ObservedC. Sloughing or bulging on slope        Yes X NoNothing Observed2. Major Erosion Problems        Yes X NoNothing Observed3. Surface Movements of Surrounding Slopes        Yes X NoNothing Observed4. Visible Sumps or Sinkholes in Slurry Surface        Yes X NoNothing Observed

## 5. Clogging

A. Spillway channels and pipes        Yes X NoNo debris blocking spillway channels and pipes.B. Decant System        Yes X NoValve is locked

C. Diversion ditches

☐ Yes ☒ No

Clear of Debris

6. Seepage (Specify Location, Color and Approx. Volume)

☐ Yes ☒ No

Nothing Observed

7. Any appearance of instability, structural weakness, or

other hazardous conditions

☐ Yes ☒ No

Nothing Observed

8. Weir level

☒ Yes ☐ No

9. Other Comments

Everything seems to be operating normal. The overflow pond is frozen and there is snow covering the ground.